Micron Technology, Inc.

2015 Winter Analyst Conference



Safe Harbor

During the course of this meeting, we may make projections or other forwardlooking statements regarding future events or the future financial performance of the Company and the industry. We wish to caution you that such statements are predictions and that actual events or results may differ materially. We refer you to the documents we file on a consolidated basis from time to time with Securities and Exchange Commission, specifically our most recent Form 10-K and Form 10-Q. These documents contain and identify important factors that could cause our actual results on a consolidated basis to differ materially from those contained in our projections or forward-looking statements. These certain factors can be found at http://investors.micron.com/riskFactors.cfm. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements. We are under no duty to update any of the forward-looking statements after the date of the presentation to conform these statements to actual results.



Mark Adams

President

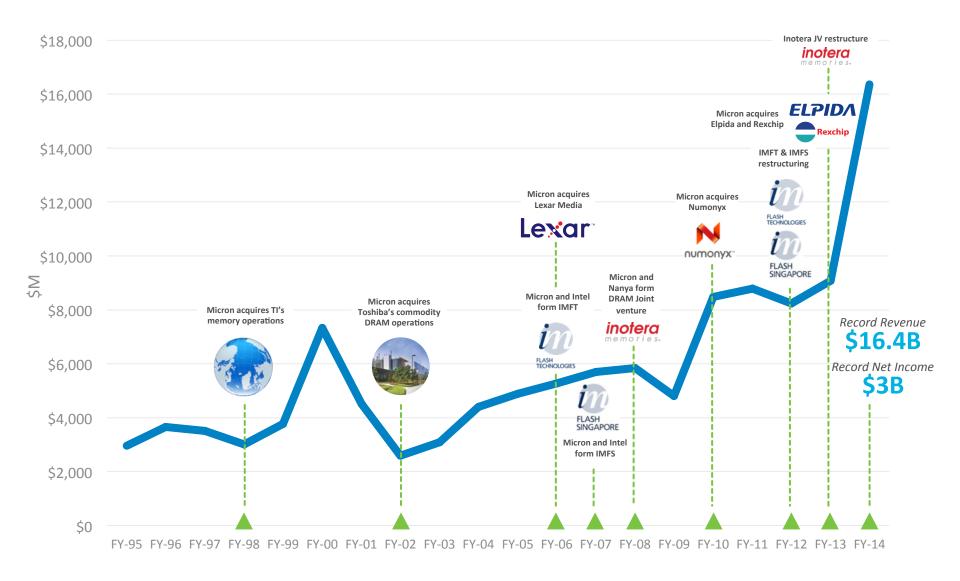


Welcome & Presentation Overview

- Company Performance
- Investing for the Future
- Technology Roadmap
- Key Markets and Micron's Positioning
- The Future of Memory
- Finance and Strategy Update



Micron's Historical Performance and Revenue





Memory Market Conditions

Consolidated Suppliers

- Suppliers with sufficient scale
- Return-focused investment and supply environment

Low Supply Growth

- Limited new wafer capacity
- Slowing technology migrations

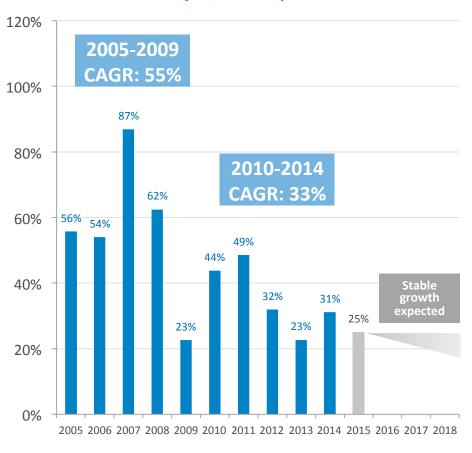
Diversifying Demand

- Differentiated products
- System solutions
- Diversified customers
- Broadening applications



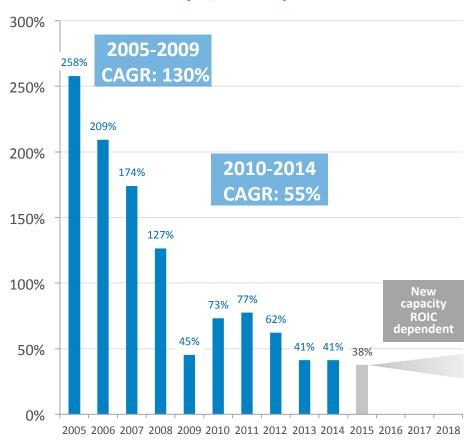
DRAM and NAND Supply Growth Slowing

DRAM Industry Y/Y Bit Shipment Growth



Technology complexity increasing; wafer production stable or declining over time

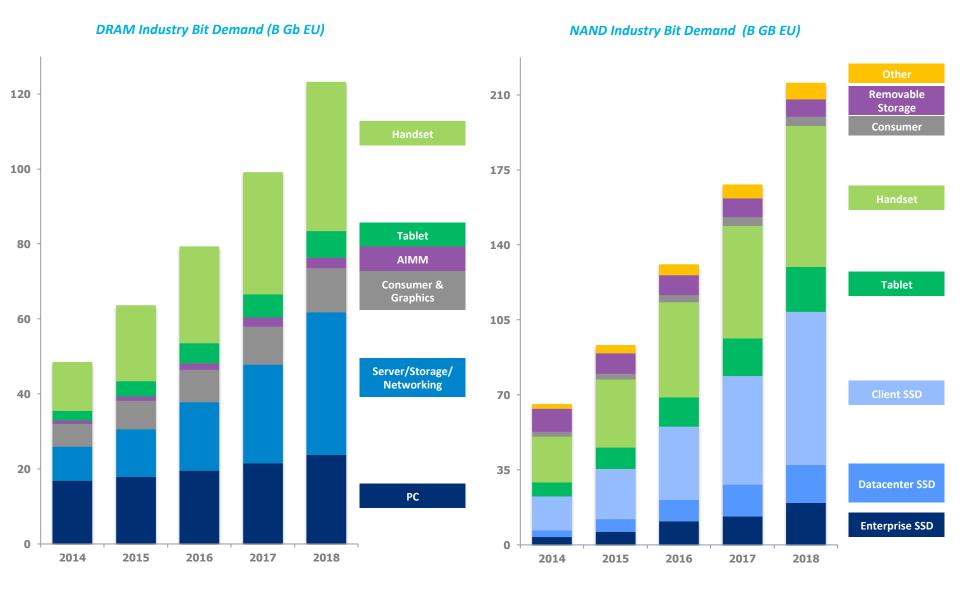
NAND Industry Y/Y Bit Shipment Growth



3D conversion does not result in increased industry supply growth absent wafer capacity additions



DRAM Diversifying, NAND Supply Constrained



Tablets contain a mix of mobile DRAM, standard DRAM, and reduced-power solutions Upgrade modules included with PC



Operational Areas of Focus

DRAM NAND **Technology** 20nm DRAM **TLC & 3D NAND Product Enablement Operational Flexibility**



Investing for the Future

Capital / R&D

- ~\$1.1B in CapEx for product and technology enablement in FY-15 and ~\$1.5B investment in R&D in FY-15
 - Emerging memory technologies
 - Advanced packaging and controllers
 - Assembly, test and world class quality

Enhanced capability to deliver vertically focused memory solutions for long-term value creation

Strengthened Leadership

Jeff Bader - VP, EBU

Tom Eby - VP, CNBU

Mark Glasgow - VP, Enterprise Sales

Steve Pawlowski - VP, Advanced Computing

Robert Peglar - VP, Advanced Storage Solutions

Robert Quinn - VP, Strategy & Business Development

Rajan Rajgopal - VP, Quality

Mike Rayfield - VP, MBU

Tom Snodgrass - VP, Systems Solutions

Darren Thomas - VP, SBU

John Waite - VP, Supply Chain



Scott DeBoer

VP of R&D



Leading-Edge Technology Status

Continued strong progress for 20nm yield at Hiroshima and Inotera facilities **DRAM** 1Xnm DRAM 1Xnm development underway in Hiroshima and 1Y/1Znm in Boise 16nm TLC NAND now ramping in Singapore Micron 1st generation 3D NAND on track for NAND 3D NAND production in Singapore mid 2015 Second generation under development in Boise 3D NAND package technology continues to mature, currently manufacturing HMC generation 2 **Package** Hybrid **Technology** R&D focus on HMC generation 3 enablement for **Memory Cube** even higher density and bandwidth Multiple paths under active development for storage New class memory enablement **Cross-point Memory** memory Targeting 2015 and 2017 for manufacturing **Technology**

Images are not to scale



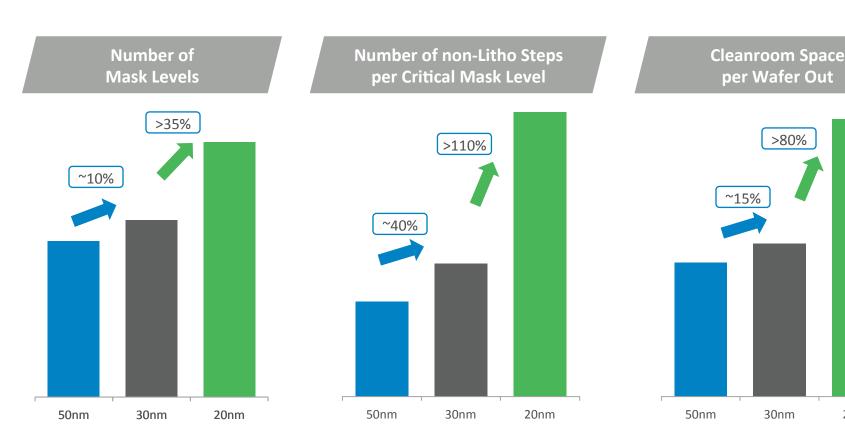
introductions of next new memory technologies

Impacts of DRAM Process Complexity

- Large increase in number of process steps to enable shrink
- Conversion CapEx scales with the number of steps
- Significant reduction in wafer output per existing cleanroom area

Complexity comparison for enablement of ~100% bits/wafer increase





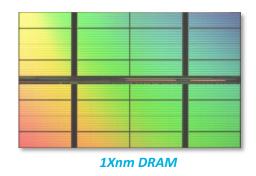


20nm

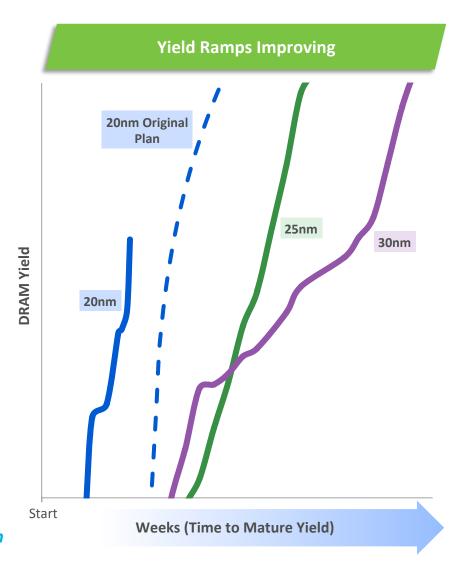
Next Generations of DRAM: 20nm and 1Xnm

Combined DRAM R&D Team Reaping Benefits

- Hiroshima R&D in manufacturing fab ensures knowledge share between manufacturing and R&D, enabling more rapid yield ramp
- Dedicated R&D operation in Boise enables more revolutionary DRAM R&D without impacting manufacturing
- Focus on enabling scaling path to sub-15nm DRAM

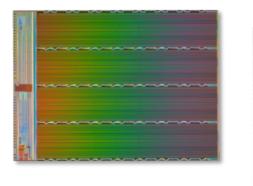


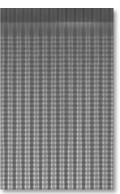
1Xnm driving >30% improvement in cost per Gb over 20nm





3D NAND Comparison with Planar NAND Scaling



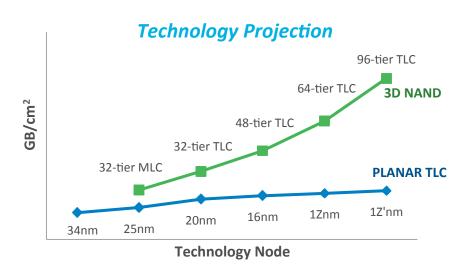


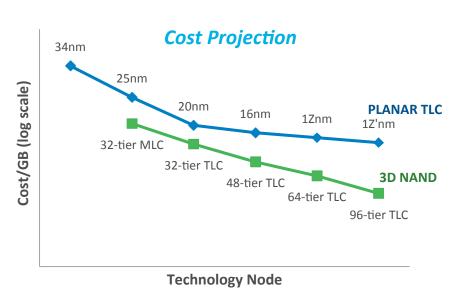
Planar NAND scaling

- Planar can be scaled below 16nm, but performance and cost are not competitive with 3D NAND
- Micron focused 100% on 3D NAND after 16nm

3D NAND scaling

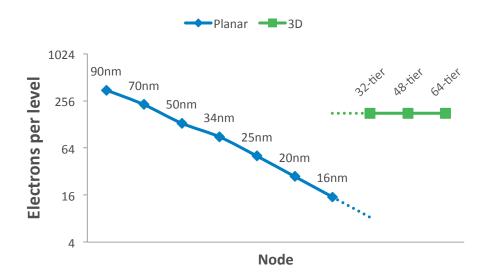
- 3D NAND cost improvement over planar expands with subsequent nodes
- 3D NAND cell architecture enables significant performance improvement relative to planar technology

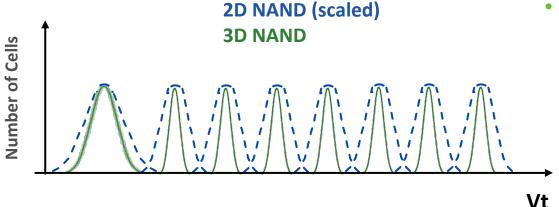






3D NAND Performance Relative to Planar NAND





3D NAND cell design simultaneously improves performance and reliability

- Vertical stacking allows large number of electrons per cell independent of scaling
- No longer relying on lithography to continue scaling
- Decreased interference between cells translates into higher cycling endurance



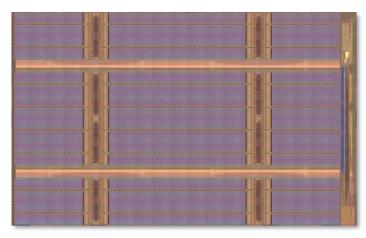
Leadership in Future Memory Technologies

Strategic investment in future memory roadmap enablement

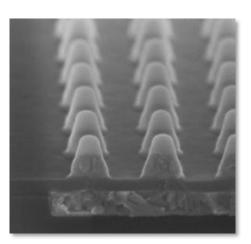
- DRAM or DRAM replacement scaling
- Storage class enablement
- Multiple generations of 3D NAND

Strategic investment in future memory core technologies

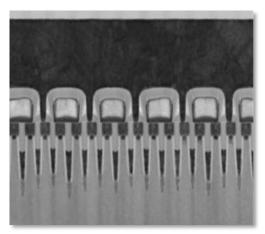
- Resistive Random Access Memories (RRAM)
- Spin Torque Random Access **Memories**
- And others...



16Gb High Speed Storage Class Memory



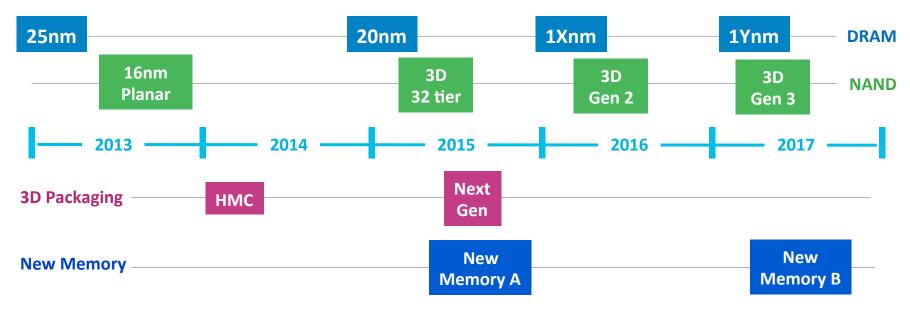
STTRAM Array



Advanced 27nm RRAM Cell



Innovation Roadmap



Position in time indicates expectation of volume capability

- Increased focus on DRAM technology position driving faster introduction cadence
- Enable volume 3D NAND manufacturing capability through 2015
- 3D NAND packaging technology enablement for multiple differentiated opportunities
- Establish disruptive new memory technology and position for ramp in 2016



Q&A

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Tom Eby

VP Compute and Networking Business Unit



Compute & Networking

Market Trends

Graphics

Enhanced visualization experience driving higher memory bandwidth

Increased game console performance requiring increases in density



Client

Ultrathin notebooks driving smaller form factors

Desire for ultimate mobility driving need for long battery life



Networking

Ubiquitous connectivity driving networking innovations

Video and new subscribers driving bandwidth growth



Enterprise & Cloud

Software defined architecture driving massively virtualized data center scalability

Real-time data analytics driving high capacity memory demand



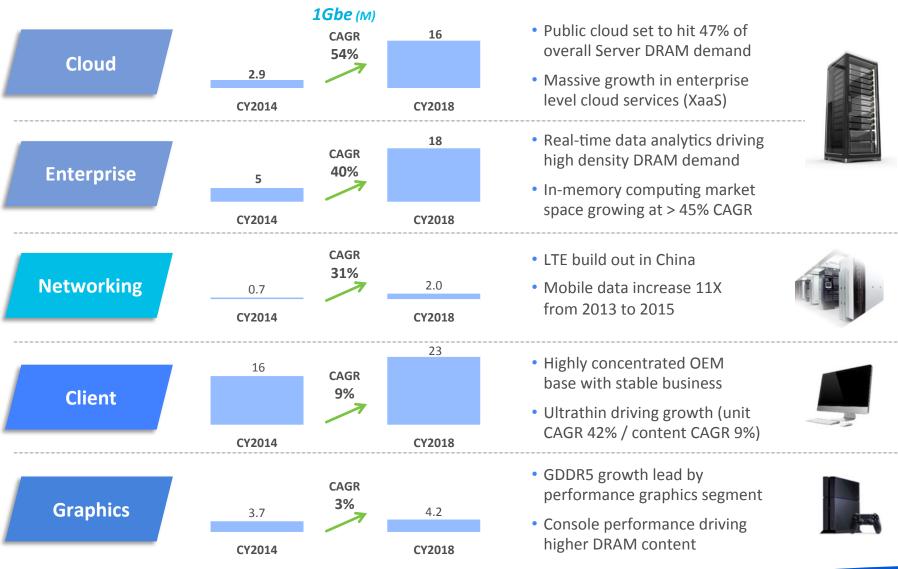
Integrated Innovation

Enabled by Micron Memory



Compute & Networking

Memory Demand Drivers



Source: Micron and Industry Analysts; CAGR represents bit growth, CY2014-CY2018



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Graphics

Application Drivers

- **UHD/4K** resolutions
- Faster, more responsive gaming graphics
- CAD, 3D print for professional / corporate applications

Micron Technology Enablers

- **Extreme bandwidth product designs**
- Packaging for thermal management
- Proprietary test technology for stability & endurance



Micron Portfolio

GDDR5

- Extreme bandwidth for a seamless. graphics experience
- Density options to fit a variety of performance segments
- Speeds up to 8.0Gbps
- Customizing by application

High-speed DDR3

Standardized solution for graphics



Specialized Solutions

 Development efforts underway to increase bandwidth up to 15Gbps in a discrete component





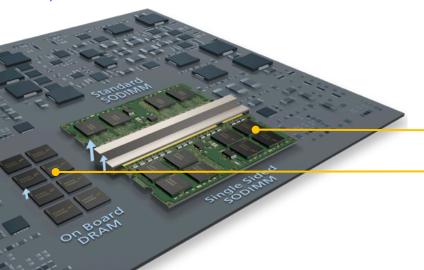
Client

Application Drivers

- ✓ Mobility and extended battery life
- ✓ Thin and light form factors
- ✓ Security requirements

Micron Technology Enablers

- ✓ Performance and cost-optimized DRAM technology
- ✓ Packaging technologies for energy-efficient stacked DRAM
- ✓ Security for non-volatile solutions



Micron Portfolio

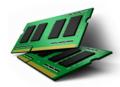
On-Board Memory

- Up to 16Gb per package
- Various package options
- Soldered-on-board for thin profile
- DDR3L and LPDDR3/4



Client Modules

- Up to 16GB density
- Thin form factor
- 1.35V DDR3L at 10% lower power than standard DDR3



Serial NOR

- Dependable BIOS
- Secure Boot





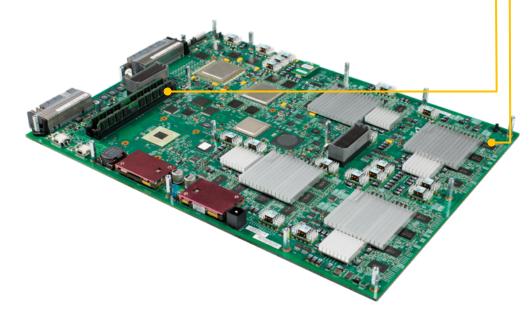
Networking

Application Drivers

- ✓ Video and new users driving insatiable bandwidth demand
- ✓ LTE worldwide roll-out
- Next generation ethernet IP connectivity

Micron Technology Enablers

- High speed and abstracted interface capability
- Low latency solutions
- Through-Silicon Via (TSVs) and 3Di interconnect



Micron Portfolio

DRAM Modules

- Error correction for data integrity
- VLP and custom form factors
- Leading-edge and legacy options



RLDRAM

- Low latency
- Fast random access
- Specialized x9, x18, and x36 configurations



Hybrid Memory Cube

- · Best-in-class bandwidth solution
- Provides the bandwidth of as many as 144 DDR3 components



eUSB

- Firmware and OS management
- · User tracking data





Enterprise & Cloud

Application Drivers

- Explosive growth in high capacity cloud infrastructure
- Workload proliferation using real time in-memory analytics
- TCO and uptime performance driven by economies of scale

Micron Technology Enablers

- **Enterprise-class 25nm and 20nm process**
- High speed abstracted interface technology
- Through-Silicon Via (TSVs) and 3Di interconnect
- Non-volatile persistent memory systems



Micron Portfolio

Server Modules

- Up to 128GB module densities
- DDR4 solutions driving 20% less power
- Load reduced capability for high density

Hybrid Memory Cube

- Best-in-class bandwidth solution
- 70% less energy per bit
- Industry leading reliability

Specialized Solutions

- Ultra high density products
- Sub-system design services
- Advanced manufacturing support

Persistent Memory

- Integrated DRAM/NAND module
- Outstanding latency and bandwidth
- Excellent endurance capability





Compute & Networking Business Unit

Shaping the New Memory Landscape

Advanced Solutions

Enable Future Memory Architectures

- Redefining system architectures
- Optimizing data movement

Specialized Solutions

Lead with High Value Products

- Portfolio differentiation
- Bringing memory closer to the CPU

Core Memory Solutions

World-Class Execution

- Manufacturing technology and scale
- Quality and service



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Q&A

Jeff Bader

VP Embedded Business Unit



Embedded

Market Trends

Automotive

Transition to a mobile living space; fully connected with autonomous driving

V2V/V2I communications

Accelerated adoption of new technologies



Industrial Multi Market

Internet of Things (IoT) driving smarter and connected devices

Distributed data analytics and storage

Adoption of mobile and PC derived platforms



Consumer

Adoption of UHD/4K expands across applications

Wearable applications are booming

Increased mobility and smaller form factors



Connected Home

Smarter homes for entertainment, security and energy management

Traditional Set Top Box (STB) market faces competition from Over The Top (OTT) and cloud-based networks

Rapid growth into developing countries



Embedded Innovation

Enabled by Micron Memory



Embedded

Memory Demand Drivers

2014-2018 Bit growth rates

NVM CAGR 39%

DRAM CAGR 39%

- >4x data storage driven by 3D maps, digital dashboard, black boxes and multimedia
- DRAM driven by infotainment and multi-camera Advanced Driver Assistance Systems (ADAS)



Industrial

Automotive

NVM CAGR 27%

DRAM CAGR 33%

- Smarter IoT devices drive 3x growth in code and data storage
- Real-time IoT performance, better HMI drives DRAM



Consumer

NVM CAGR 24%

DRAM CAGR 37%

- 4K and smart devices drive code, application and data storage
- 4K drives 4x DRAM growth and bandwidth increases up to 60GB/s



Connected Home

NVM CAGR 27%

DRAM CAGR 26%

- Cloud DVR, 4K and smart home IoT gateways driving flash
- Multi-room video and 4K drives DRAM bits and bandwidth growth



Source: Micron and Industry Analysts

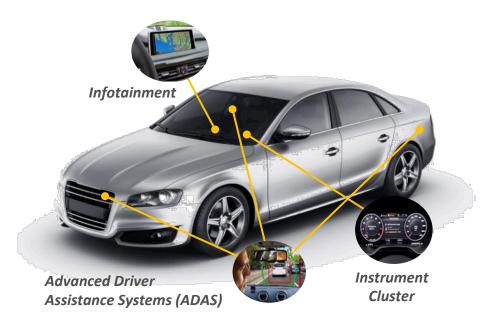
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Micron as the Key to Automotive Customer Success

Automotive Customer Requirements

- Automotive quality, reliability and support
- Leading-edge technology
- Supply continuity and 10+ year longevity

Every 100 hours Micron ships more Automotive bits than entire Automotive market consumed in 2000



Micron Strengths

#1 in Automotive Solutions

- >2x market share of nearest competitor
- 25 years of automotive focus
- Full auto-grade Non-Volatile Memory (NVM) and DRAM

Accelerating Adoption of Leading Edge Technology

- Leader in infotainment storage (8-320GB)
- High bandwidth compute with DDR3 & LPDDR4
- · Quick follower of mainstream usage

Enabling Innovation

- Car OEM, Tier1 and SoC enablement
- World-wide customer validation labs
- 10+ year availability with Product Longevity Program (PLP)

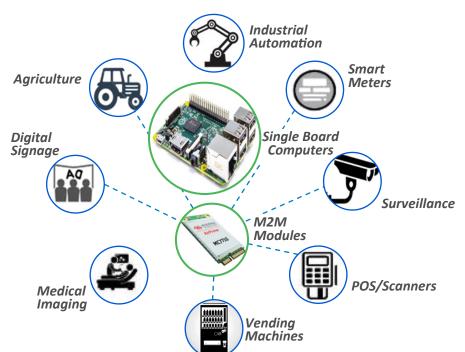


Micron as the Key to Industrial Customer Success

Industrial Customer Requirements

- High reliability at industrial temperatures
- Supply assurance and 5-10+ year longevity
- Full portfolio and form factor breadth

IoT cellular M2M connections increase from <350M in 2013 to >2B in 2018



Micron Strengths

Leader in Industrial Solutions

- Full portfolio of DRAM solutions
- High endurance SLC NAND and eMMC
- Instant-on boot performance from NOR

Leadership for IoT Growth

- #1 in M2M cellular modules
- Broadest portfolio and smallest form factor industrial MCPs
- 2G/3G and LTE solutions

Enable Highly Fragmented Market

- · Industrial reference design focus
- Global distribution partnerships
- Micron Product Longevity Program (PLP)



Source: Micron and Industry Analysts

Micron as the Key to Consumer & Connected Home Success

Consumer & Connected Home Requirements

- Rapid time to market
- Early adoption of new technology
- High volume customized solutions

By 2016, 70% of the world TVs will be smart TVs and 40% will be 4K/UHD



Micron Strengths

Leading Edge Technology and **Manufacturing Scale**

- Focused ecosystem enablement
- World-wide customer validation labs
- Supply capacity for new product ramps

Broadest Product Portfolio for Expansive Applications

- Serial NOR to high density eMMC
- Legacy SDRAM to LPDDR4
- Chip-scale to multi-chip packages

Differentiated Solutions for Cost **Optimization and Innovation**

- Customized small form factors
- Optimized hardware plus software solutions



Broad Enablement for Accelerating Innovation





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Q&A

Conference Break

Darren Thomas

VP Storage Business Unit



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Storage

SSD Market Trends

Enterprise

Driving much larger flash consumption via highperformance all-flash arrays and storage solutions

Continued focus on reliable, fault tolerant solutions and 24/7 architectures

All active data moving to flash, inactive data going to cloud



CAGR: **53%**

Data Center

Dynamic move toward open platforms utilizing flash in unique ways

Renewed focus on readcentric, high capacity, replicated platforms

Flash enabling lights-out data centers



CAGR: 55%

Client

Continued innovation around thin and light notebook designs, HDD being designed out

Corporations driving design for battery life, performance and encryption

Costs near tipping point



CAGR: 54%

Consumer

Flash providing costeffective way to replace hard drive; easy notebook upgrade

Gaming and enthusiasts continued drive for performance and features

Adoption has reached mainstream consumers; advantages are becoming realized



CAGR: 24%

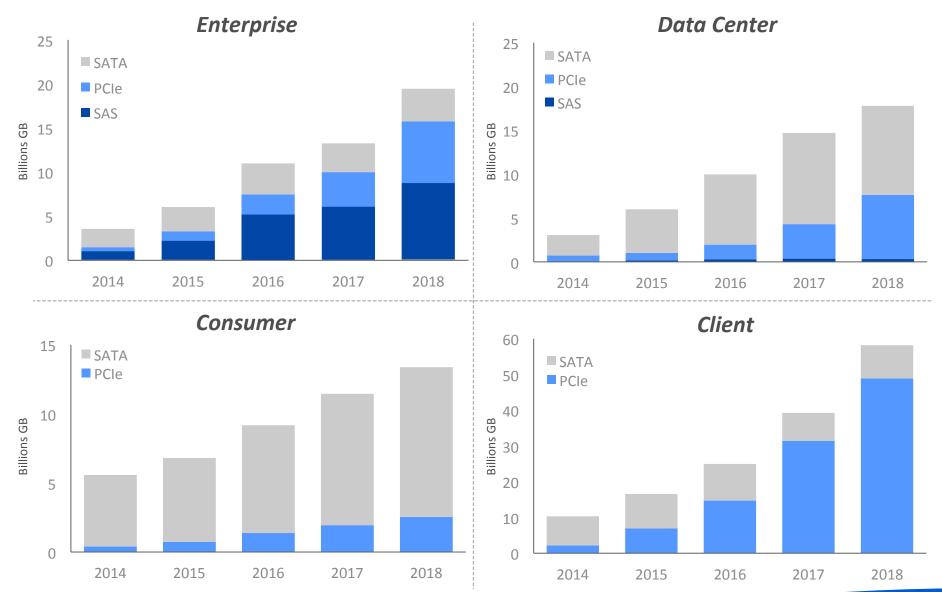
Storage Innovation

Enabled by Micron Flash

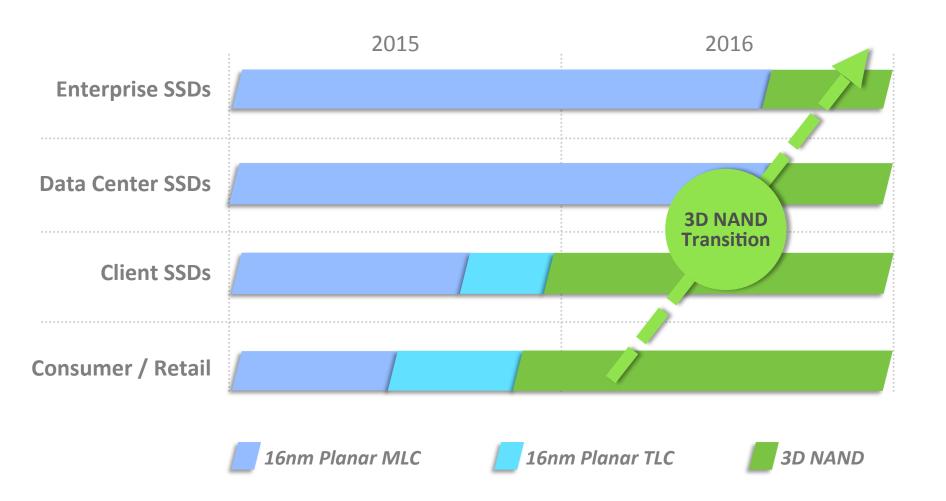


Demand Trends

Gigabytes



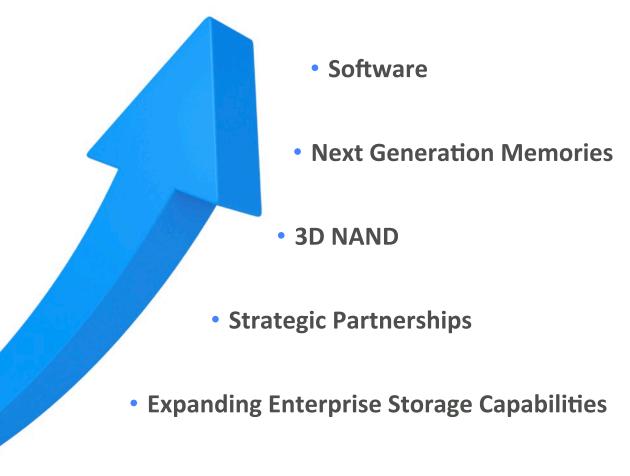
Technology Deployment





Strategic Trajectory

Redefining the Future of Storage



- Growing SSD Portfolio
- Technology Development



Micron & Seagate

- Multi-year strategic agreement
- Combines the innovation and technical expertise of two industry giants
- Initial collaboration: Enterprise SAS SSD
- Strategic supply of NAND for Seagate
- Access to SAS drive technology for Micron
- Establishes framework for future strategic collaboration on enterprise NAND Flash-based storage technologies





Micron Storage

Building a world-class team

Innovating with our technology

Partnering with enterprise leaders

Engaging with the end-user customers

Redefining the future of storage



Q&A

Mike Rayfield

VP Mobile Business Unit



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Mobile

Market Segments

High/Mid-End **Smartphones**

4G connectivity and ecosystem drives higher memory consumption

Increasing camera resolution and display pixel density



Value **Smartphones**

Android One increases system requirements in low-end products

OEMs competing on specs and price



Tablets

Media storage/playback and productivity apps drive high memory density

Increased display pixel density and longer replacement cycle



Smart Watches

Smartphone connectivity requires fast and powerefficient memory

Small device size limits battery capacity



Integrated Innovation

Enabled by Micron Memory



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Mobile

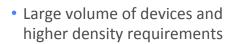
Memory Demand Drivers

Millions of Units Average DRAM GB/sys High/Mid-End ■ Value ■ High/Mid **Smartphones** 1262 2.1 934 Value 567 **Smartphones** 2014 2018 2014 2018

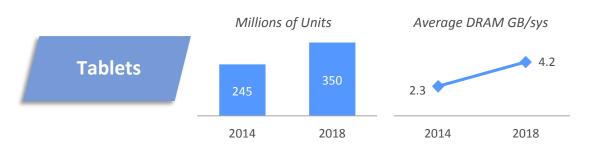
- High/mid-end segment consuming high-density memories
- Driving requirements for highperformance memory



 Value devices raising minimum memory requirements



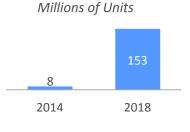




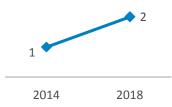
- High density memory requirements for media storage
- Lower consumer replace cycle than smartphone



Smart Watches



Average DRAM GB/sys



- Fastest Y/Y growth potential
- Indicative of evolving smartphone ecosystem

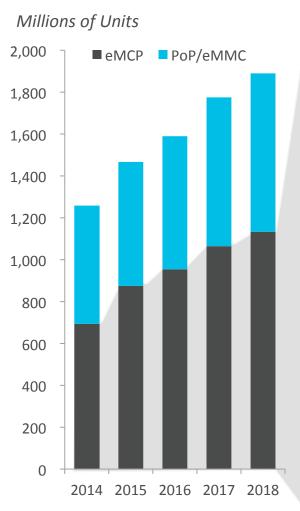


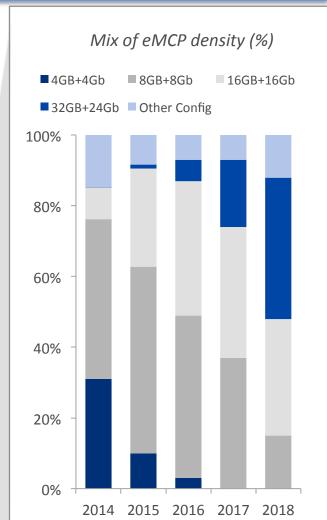
Source: Micron and Industry Analysts



Mobile Memory Trending Towards eMCP

Memory Market Data





Micron Strengths

- Mobile NAND growth requires LPDRAM strategy
- eMCP expected to remain ~60% of overall smartphone due to easier design, procurement, and manufacturing
- Comprehensive portfolio of density to meet all smart phone segments
- Innovative packaging capability as system requirements continue to stress performance and low-power needs

Source: Micron and Industry Analysts



Micron as the Key to Customer Success

Focus on Smartphones and Tablets

Customer Requirements

- ✓ Smartphone/tablet similar system architecture
- ✓ Advanced system core processor
- ✓ High-def video and high-density cameras
- ✓ Battery life and user experience





Micron Portfolio

4-32Gb LPDDR4

- Multiple package options
- 4x provides 4GB density
- LPDDR4 2x bandwidth LPDDR3
- LPDDR4 35% power savings over LPDDR3

eMMC 5.x

- Small package options
- 3x random Read/Write performance
- 2x sequential Read/Write performance
- Wide temperature range tolerance and high reliability

eMCP + LPDDR3

- Attractive package/density options
- 2x bandwidth over eMCP+LP2
- Quick time-to-market for system qualification efforts





Micron as the Key to Customer Success

Focus on Smart Watches

Customer Requirements

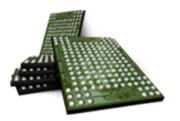
- **✓** Extreme low power
- ✓ High durability (shock/vibration)
- ✓ High speed performance (wake up times)



Micron Portfolio

ePoP

- From 12x12mm to 10x10mm
- Reduced package z-height
- Integrated with LPDDR2/3 to cope with different performance requirements
- Customized form factor, interface, configuration possible for system optimization





Leveraging Global Mobile Market Dynamics

Distributed Market: 2016+











Memory Enabling Mobile Innovation

Micron Portfolio

- Performance optimization with power efficiency
- Packaging innovation evolving form factor
- Fast time-to-market for both LPDRAM and NAND









Q&A

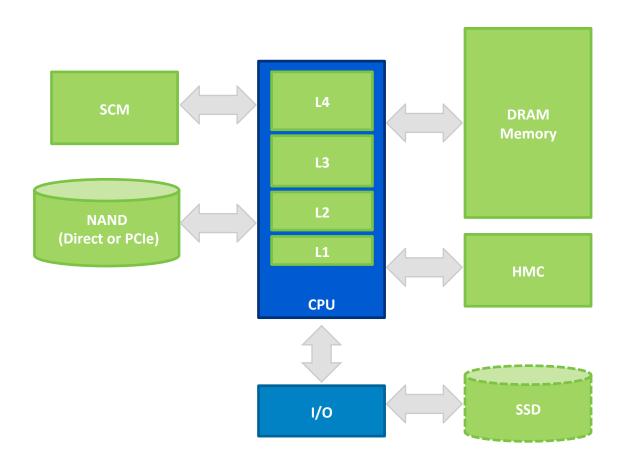
Brian Shirley

VP Memory Technology & Solutions



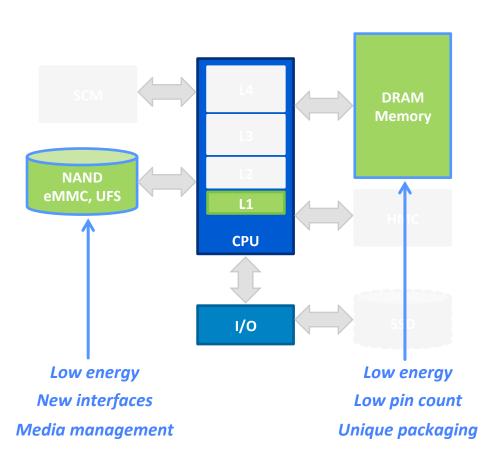
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Computing Architecture of Today & Tomorrow





Computing Architecture of Today & Tomorrow

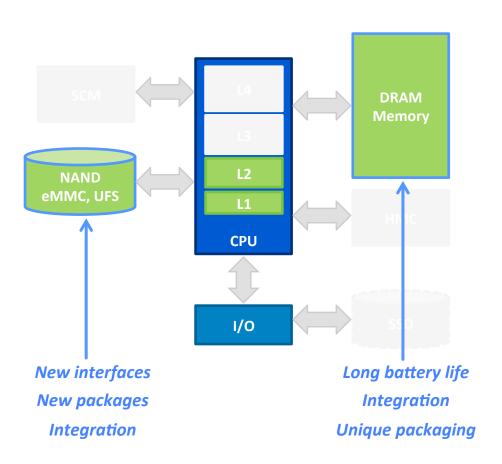


Key Drivers

Internet of Things driving a need for ease of system integration, lower power consumption, and unique form factors



Computing Architecture of Today & Tomorrow



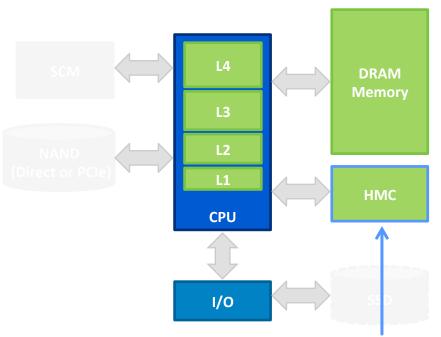
Key Drivers

Internet of Things driving a need for ease of system integration, lower power consumption, and unique form factors

Mobility driving a need for lower power, smaller form-factors, and increased memory & storage density



Computing Architecture of Today & Tomorrow



Ultra-high bandwidth
Low latency
New interfaces

Key Drivers

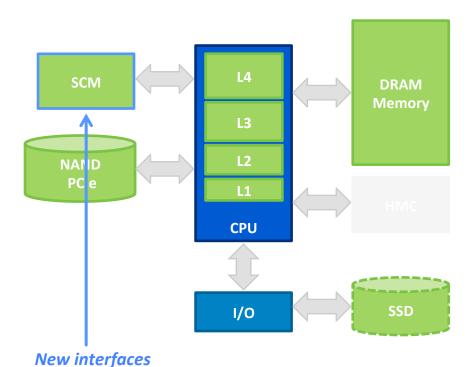
Internet of Things driving a need for ease of system integration, lower power consumption, and unique form factors

Mobility driving a need for lower power, smaller form-factors, and increased memory & storage density

Networking next-gen connectivity driving a need for faster data plane and control plane architectures



Computing Architecture of Today & Tomorrow



Achieving low latency Media management

Key Drivers

Internet of Things driving a need for ease of system integration, lower power consumption, and unique form factors

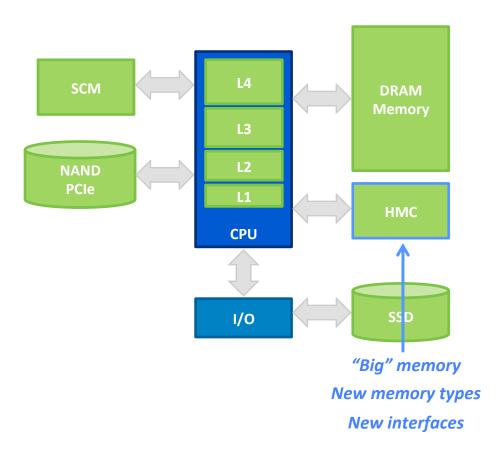
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Cloud Computing driving software defined datacenter architectures leading to a larger memory footprint and fast storage retrieval



Computing Architecture of Today & Tomorrow



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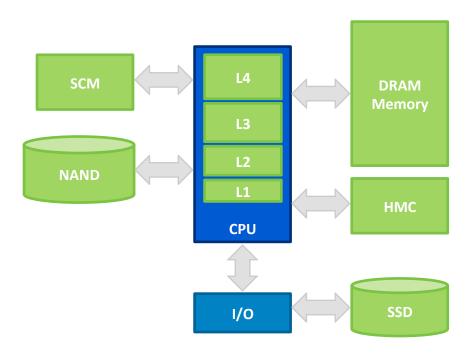
Networking next-gen connectivity driving a need for faster data plane and control plane architectures

Cloud Computing driving software defined datacenter architectures leading to a larger memory footprint and fast storage retrieval

HPC/Big Data applications driving need for real-time analytics based on in-memory computing platforms



Computing Architecture of Today & Tomorrow



Memory drives solutions in all emerging applications

- New interfaces allow improved memory performance
- NAND adoption continues with improved integration
- Emerging memory types change the architecture

Key Drivers

Internet of Things driving a need for ease of system integration, lower power consumption, and unique form factors

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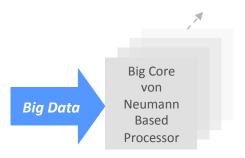
In-Package Memory

Bandwidth Efficiency Form Factor Unprecedented memory bandwidth keeps pace with multiple CPU cores Increased savings in energy/bit **Memory Stack** TSV technology with logic layer allows roadmap to higher performance and lower energy **Controller / SoC Functionality** >60 Cores **Integrated Fabric Processor Package**



Micron Automata Processor

Moving Beyond Conventional



1-16 Identical Complex Cores/Chip Sequential Instruction Processing

1,000's User Defined Cores/Chip

Graph Based Processing

Conventional Processing:

- Limited parallelism
- Complex parallel programming
- Constrained computational pipeline
- Expensive scaling

Automata Processing:

Very high parallelism

Cost effective scaling

Data conforms to core processor

 Simplified parallel programming Distributed computational pipeline

User defined cores conform to data



Bioinformatics:

- Large operands
- Complex patterns
- Unstructured data



Financial Services:

- Highly parallel
- Real-time results
- Unstructured data



Video Analytics:

- Highly parallel operation
- Real-time results
- Unstructured data



Micron Developed Chip to System Solution

Silicon

Biq Data



Dev Tools









Network Security:

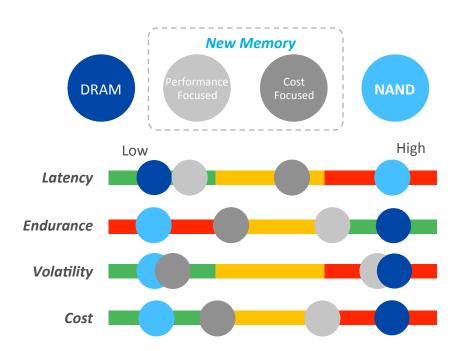
- Millions of patterns
- Real-time results
- Unstructured data

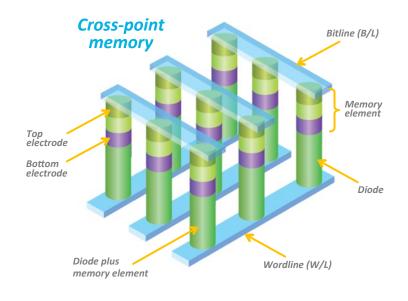


Storage Class Memory

Value Proposition

- DRAM-like performance with higher density and lower energy
- Non-volatility with fraction of DRAM cost/bit
- Ideal for large memory systems such as inmemory-database/in-memory-compute





Next Steps

- Multiple technologies currently in development and showing promise
- Controller technology is critical to exploit characteristics of each type of memory
- Software capable of taking advantage of the persistent memory semantics



Micron Business Units

Capabilities for Markets' Critical Needs

Capacity and R&D



Solutions and **Engineering**



Business Units and Sales



Customers and Channels

amazon SIEMENS





- Emerging Memory
- Packaging Technology



- Controller
- Firmware
- Software











SBU





















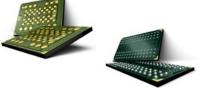


- OEM
- ODM
- Direct to Business
- Direct to Consumer
- Distribution













Q&A

Mark Durcan

CEO



Strong Financial Performance

Micron Performance					
	FQ1-15	LTM ¹			
Revenue	\$4,573	\$16,889			
Key Metrics ⁽¹⁾⁽²⁾	Percent of	Percent of Revenue			
Gross Margin	36%	34%			
SG&A and R&D	12%	13%			
Tax Expense	2%	1%			
Net Income attributable to Micron	22%	22%			
Net Income attributable to Micron (Non-GAAP) (3)	25%	24%			
ROA ⁽⁴⁾	18%	17%			
ROA (Non-GAAP)(4)(5)	28%	26%			

Drivers

- Diversified market segments, products, and customers
- Return-focused technology and capacity deployment
- Value-added products and solutions
- Beneficial partnerships

^{5.} Non-GAAP ROA calculated using Non-GAAP Net Income and Total Assets adjusted for Non-controlling Interest in Assets and ST/LT Cash, Marketable Investments, and Restricted Cash.



^{1.} LTM numbers are based on our historical results for the last 3 quarters of FY 2014 and the fourteen-week quarter ended December 4, 2014.

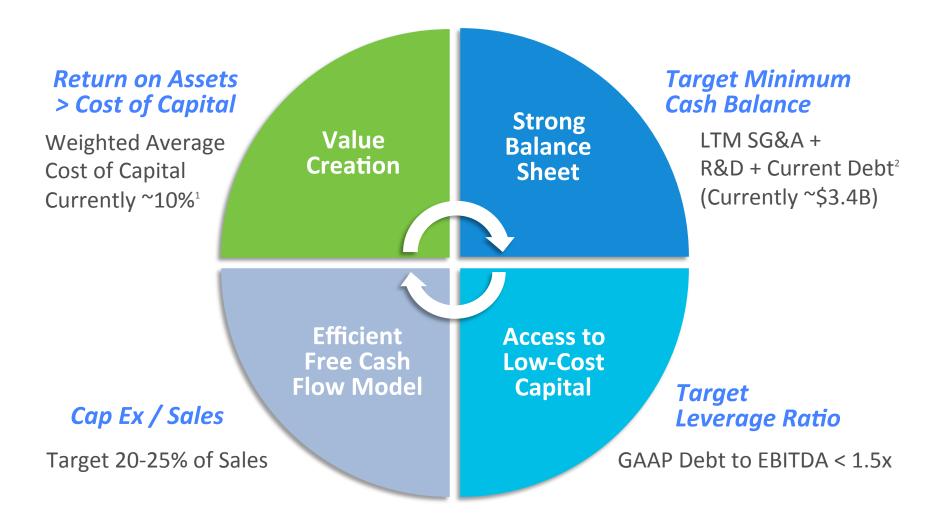
Gross Margin, SG&A, R&D, Tax Expense are based on GAAP figures.

^{3.} See reconciliation on slide 77

^{4.} Annualized FQ1-15 values are based on FQ1-15 figures multiplied by 4. See reconciliations on slides 77 and 78

Capital Management

Long-term Targets



- 1. Weighted average cost of capital as of December 4, 2014.
- 2. LTM SG&A and R&D = \$2.2B; Current Debt (based on GAAP value, not principal amount) = \$1.2B.



Capital Management Execution

We continue to make significant progress across our long-term targets

Return-Based Value Creation

- ITM Non-GAAP ROA1 of ~26%
- LTM capital expenditures to sales of ~19%

Target Capital Structure

- LTM Debt to Adjusted EBITDA² of ~1.1x
- Cash and marketable securities of ~\$6.3B
- Upgraded credit rating in FY 2014

Return of Capital

- \$2.8B used for dilution management (convertible notes) over the last 15 months
- \$1B common stock repurchase authorization with ~\$200M completed quarter to date⁴
- ~111M shares (~9%) reduced by dilution management⁵

#1 Total Shareholder Return in S&P 500 over the last 2 years

- LTM Non-GAAP ROA calculated using Non-GAAP Net Income and Total Assets adjusted for Non-controlling Interest in Assets and ST/LT Cash, Marketable Investments, and Restricted Cash. See reconciliation on slides 77 and 78
- LTM Debt to Adjusted EBITDA is the ratio of the GAAP carrying value of debt as of December 4, 2014 including the January high yield note issuance over LTM Adjusted EBITDA. See reconciliation on slide 76
- FQ1-15 cash includes proceeds from the January high yield note issuance.
- As of February 11, 2015
- Based on a \$32 share price with shares outstanding as of quarter ended December 4, 2014
- Based on Bloomberg Total Shareholder Return ranking, CY 2013 CY 2014.



Inotera Supply Agreement - Update

Current

- CY 2015 to remain status quo
- Wafers purchased at discount to Micron's market ASP with discount adjusted based on Inotera's EBITDA

Updated

- CY 2016 and beyond to adopt a margin sharing agreement
- Equal margin sharing represents a more balanced risk/return for both parties

We believe the new agreement provides for equitable sharing of the total economics over the long-term

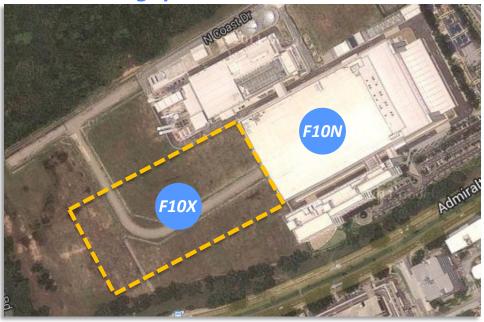


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Singapore NAND Capacity Expansion

Facilitate 3D NAND and Emerging Memory Transition

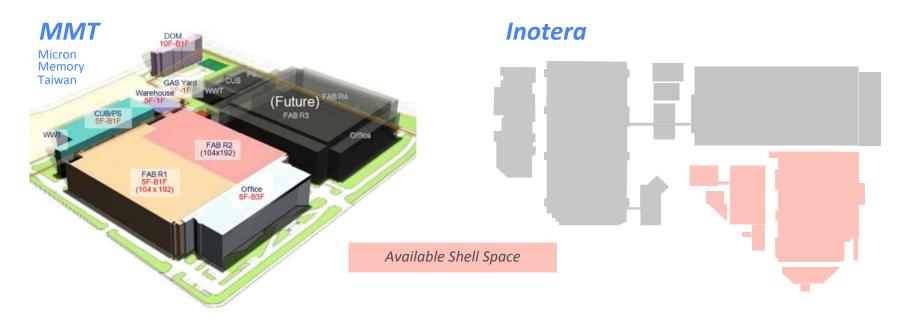




- Existing: ~140K WSPM on 16nm Planar technology
- Post-expansion: ~140K WSPM at Gen2 3D
- Supports ~40-50% bit growth average per annum over an extended time horizon
- Timing dependent on market conditions and expected ROIC



Return-Based Approach to DRAM Capacity Planning



- Wafer capacity naturally decreasing with technology transitions
- Focused on technology enablement in 2015, below market bit growth
- Ability to add small increments of high ROIC capacity to existing scaled manufacturing operations
- Intend to maintain market share over the long term



Summary

- Delivering strong financial results
- Market conditions remain favorable over the long term
- Leveraging world-class technology to improve competitive positioning
- Developing technologies and value-added solutions enabling innovation in key growth markets
- Positioning for the future of memory
- Deploying a return-focused strategy



Q&A

Non-GAAP Asset Reconciliation

Amounts in millions	FQ1-1	5 FQ2-14 to FQ1-15
Beginning of period:		
Total assets	\$ 22,49	8 \$ 19,794
Cash, current and noncurrent marketable investments	(5,353	3) (4,408)
Current and noncurrent restricted cash	(84	1) (65)
Non-controlling share	(992	<u>(973)</u>
Non-GAAP total assets	\$ 16,06	9 \$ 14,348
End of period:		
Total assets	\$ 22,54	2 \$ 22,542
Cash, current and noncurrent marketable investments	(5,30	7) (5,307)
Current and noncurrent restricted cash	(7:	3) (73)
Non-controlling share	(1,00:	(1,001)
Non-GAAP total assets	\$ 16,16	\$ 16,161
Non-GAAP average total assets	\$ 16,11	5 \$ 15,255



Adjusted EBITDA Reconciliation

Amounts in millions	FQ1-15	LTM FQ2-14 to FQ1-15
Net Income	\$ 1,002	\$3,700
Interest expense, net	83	316
Income tax provision	75	123
Depreciation expense and amortization of intangible assets	643	2,255
EBITDA	1,803	6,394
Equity in net income of equity method investees	(124)	(512)
Restructure and asset impairments	1	44
(Gain) from asset dispositions	(6)	(4)
Loss from changes in currency exchange rates	21	43
Stock-based compensation	35	128
Adjustment to gain on Elpida acquisition	-	33
Flow-through of Elpida inventory step up	-	42
Loss on restructure of debt	30	139
(Gain) on Inotera issuance of shares	-	(93)
(Gain) from disposition of shares in Aptina	(1)	(120)
Legal settlements		66
Adjusted EBITDA	\$ 1,759	\$6,160



Non-GAAP Net Income Reconciliation

Amounts in millions	FQ1-15		FQ2-14 to FQ1-15	
GAAP net income attributable to Micron	\$	1,003	\$	3,690
Non-GAAP adjustments:				
Flow through of MMJ and MMT inventory step up		-		42
Tessera license		-		66
Restructure and asset impairments		11		54
Amortization of debt discount and other costs		38		155
Loss on restructure of debt		30		143
(Gain) loss on acquisition of MMJ		-		33
(Gain) loss from changes in currency exchange rates		21		43
(Gain) on Inotera issuance of shares		-		(93)
(Gain) on disposition of shares in Aptina		(1)		(120)
Estimated tax effects of above items		(2)		(36)
Non-cash taxes from MMJ and MMT	_	38		24
Non-GAAP net income (loss) attributable to Micron	\$	1,138	\$	4,001
		x4		
	\$	4,552	\$	4,001



